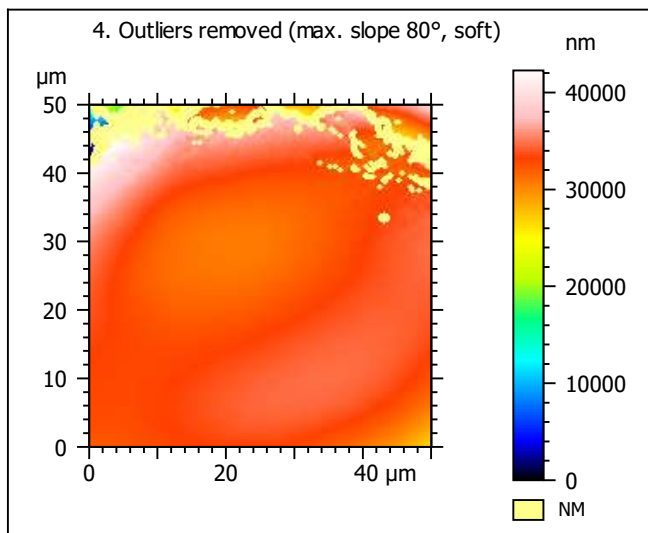
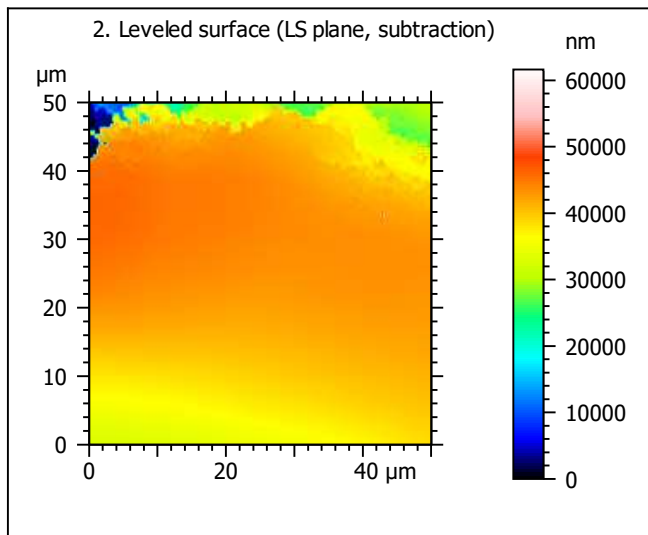
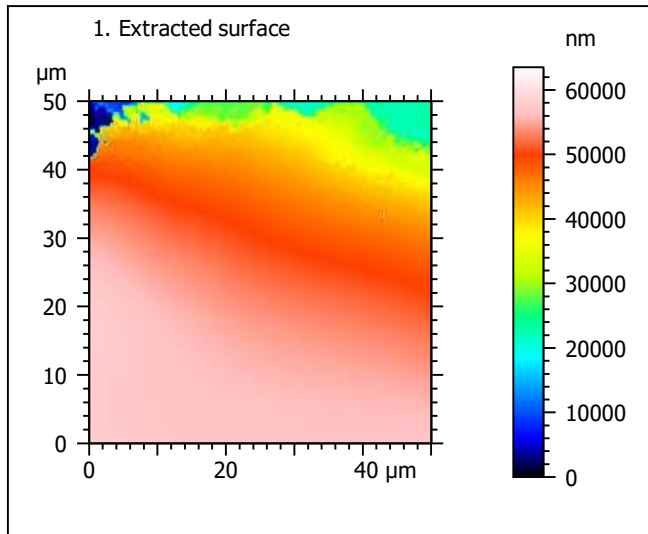
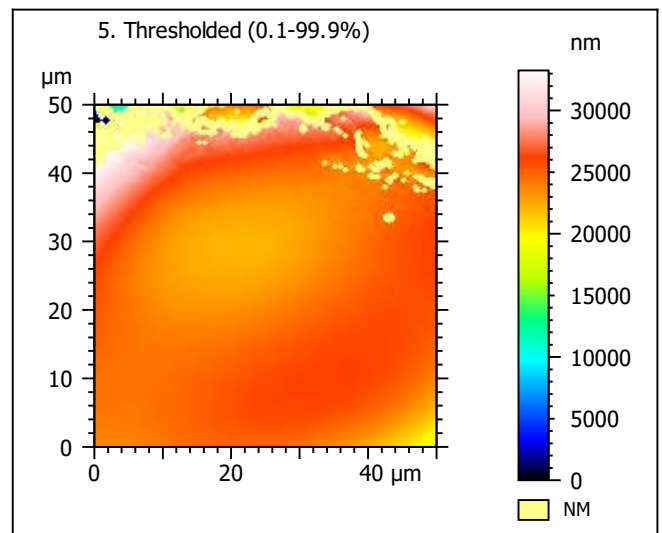
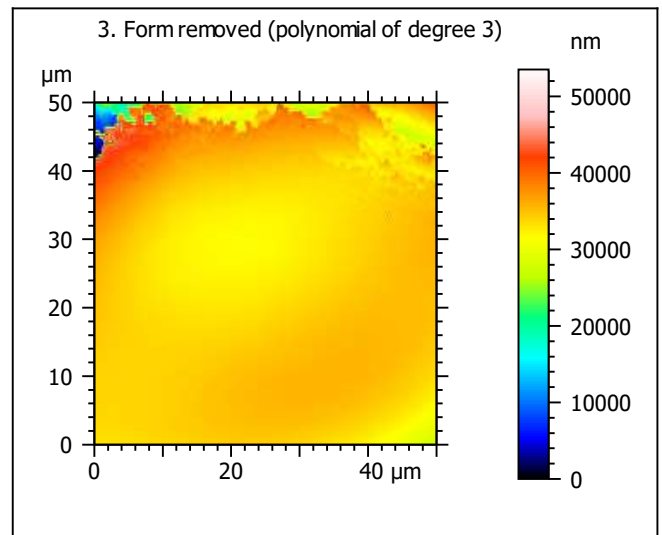


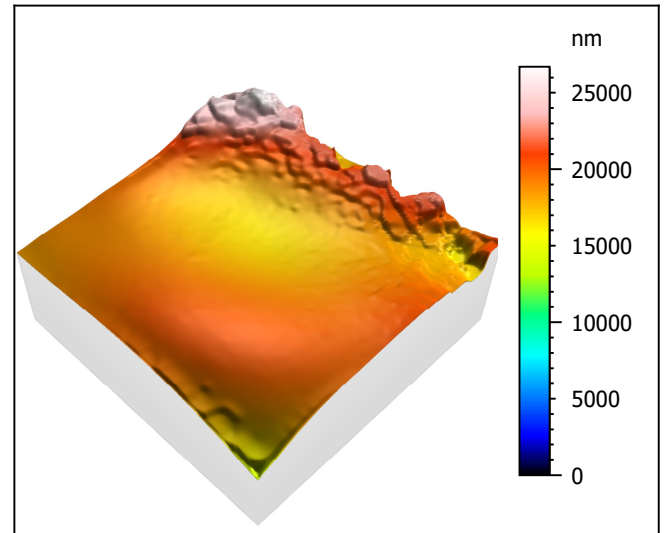
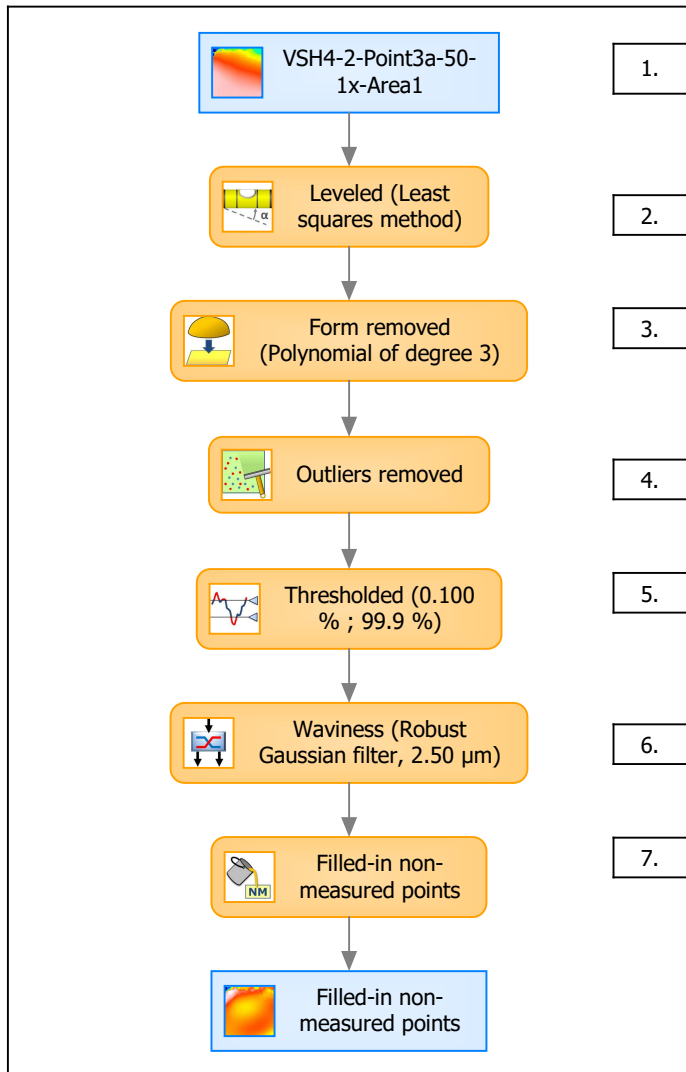
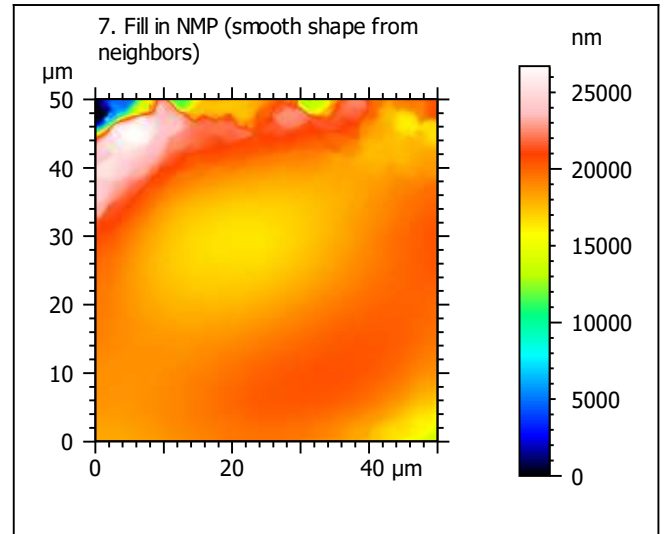
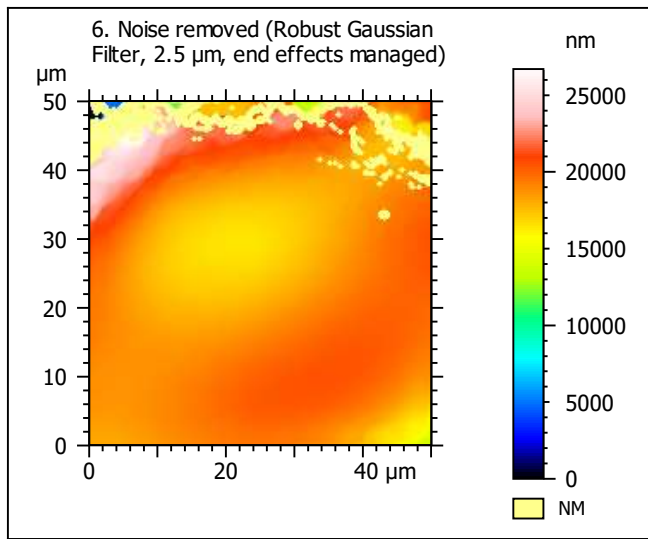
Template to process all extracted 50x50 μm surfaces, acquired with the LEXT 4000 with the 50x/0.95 objective at 1x zoom

A. Processing



Identity card			
Name:	VSH4-2-Point3a-50-1x-Area1		
File path:	D:\Data\Ant...\VSH4-2-Point3a-50-1x-Area1.sur		
Axis:	X		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Y		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Z		
Length:	63520	nm	
Size:	41486	digits	
Spacing:	1.53	nm	
NMP ratio:	0.00 % (0 Pts)		





Identity card			
Name:	VSH4-2-Point3a-50-1x-Area1 > Leveled (Leas...		
Axis:	X		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Y		
Length:	50.0	μm	
Size:	201	points	
Spacing:	0.250	μm	
Axis:	Z		
Length:	26703	nm	
Size:	17440	digits	
Spacing:	1.53	nm	
NMP ratio:	0.00 % (0 Pts)		

Analyses:

8. ISO 25178

9. Furrow

10. Texture isotropy and direction

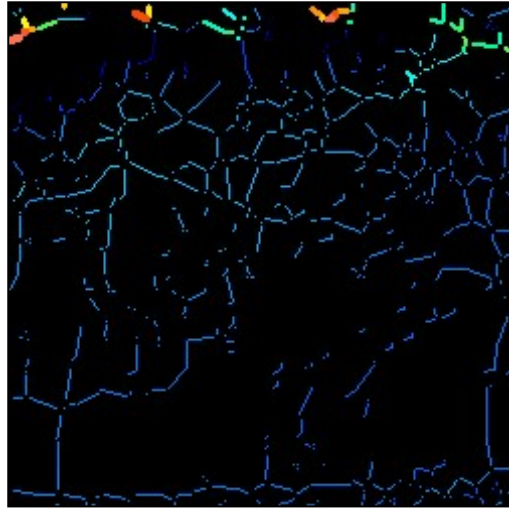
11. SSFA

B. Analyses

8. ISO 25178-2 parameters on surface #7

ISO 25178		
Height Parameters		
Sq	2226	nm
Ssk	-2.05	
Sku	21.5	
Sp	7731	nm
Sv	18972	nm
Sz	26703	nm
Sa	1383	nm
Functional Parameters		
Smr	0.624	%
Smc	1808	nm
Sxp	2623	nm
Spatial Parameters		
Sal	3.82	μm
Str	0.297	
Std	10.7	$^{\circ}$
Hybrid Parameters		
Sdq	1.33	
Sdr	21.9	%
Functional Parameters (Volume)		
Vm	0.203	$\mu\text{m}^3/\mu\text{m}^2$
Vv	2.01	$\mu\text{m}^3/\mu\text{m}^2$
Vmp	0.203	$\mu\text{m}^3/\mu\text{m}^2$
Vmc	1.33	$\mu\text{m}^3/\mu\text{m}^2$
Vvc	1.75	$\mu\text{m}^3/\mu\text{m}^2$
Vvv	0.264	$\mu\text{m}^3/\mu\text{m}^2$

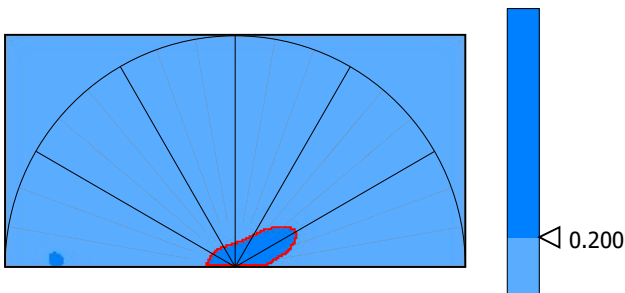
9. Furrow analysis surface #7



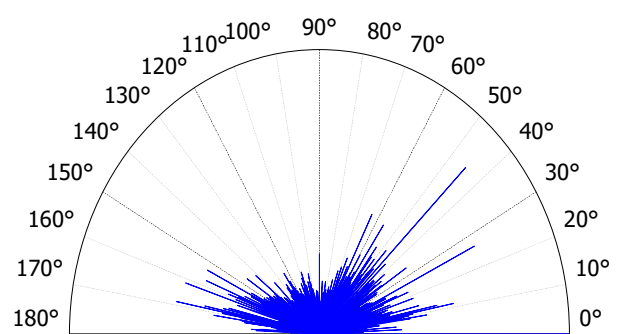
All furrows are shown.

Parameters	Value	Unit
Maximum depth of furrows	6132	nm
Mean depth of furrows	1584	nm
Mean density of furrows	2092	cm/cm2

10. Texture isotropy and direction on surface #7



Parameters	Value	Unit
Isotropy	30.8	%
Periodicity	22.0	%
Period	19.4	μm
Direction of period	178	$^{\circ}$



Parameters	Value	Unit
Isotropy	29.7	%
First Direction	0.260	$^{\circ}$
Second Direction	45.0	$^{\circ}$
Third Direction	26.5	$^{\circ}$

